What Is Claimed Is:

- 1. A liquid crystal display device, comprising:
- 2 a first substrate;
- 3 an organic electroluminescent display (OLED) element
- 4 formed on the first substrate;
- a transparent protective layer formed on the OLED element;
- a common electrode formed on the transparent protective
- 7 layer;
- a second substrate opposing the first substrate, wherein
- 9 the second substrate has a pixel electrode thereon; and
- 10 a liquid crystal layer interposed between the first
- 11 substrate and the second substrate.
- 1 2. The liquid crystal display device according to claim
- 2 1, wherein the OLED element comprises:
- 3 a cathode formed on the first substrate;
- 4 an organic emitting layer formed on the cathode; and
- 5 an anode formed on the organic emitting layer.
- The liquid crystal display device according to claim
- 2 1, wherein the liquid crystal layer is a cholesteric liquid
- 3 crystal layer.
- 1 4. The liquid crystal display device according to claim
- 2 2, wherein the cathode is a metal layer.
- 1 5. The liquid crystal display device according to claim
- 2 2, wherein the anode is transparent.

- 1 6. The liquid crystal display device according to claim
- 2 1, wherein the transparent protective layer is a silicon nitride
- 3 (SiN_x) layer.
- 7. The liquid crystal display device according to claim
- 2 1, wherein the transparent protective layer is a moisture
- 3 blocking layer.
- 1 8. The liquid crystal display device according to claim
- 2 1, wherein the common electrode is an ITO (indium tin oxide) or
- 3 IZO (indium zinc oxide) layer.
- 9. A liquid crystal display device, comprising:
- 2 a first substrate;
- an organic electroluminescent display (OLED) element
- 4 formed on the first substrate;
- a transparent protective layer formed on the OLED element;
- a common electrode formed on the transparent protective
- 7 layer;
- a first polarizer formed on the common electrode;
- 9 a second substrate opposing the first substrate;
- a pixel electrode formed on an inner side of the second
- 11 substrate;
- a second polarizer formed on an outer side of the second
- 13 substrate; and
- 14 a liquid crystal layer interposed between the first
- 15 substrate and the second substrate.
 - 1 10. The liquid crystal display device according to claim
 - 2 9, wherein the first polarizer is a wire grid polarizer or a thin
 - 3 film polarizer.

- 1 11. The liquid crystal display device according to claim
- 2 9, further comprising:
- 3 a first alignment film formed on the first polarizer; and
- 4 a second alignment film formed on the pixel electrode.
- 1 12. The liquid crystal display device according to claim
- 2 9, wherein the OLED element comprises:
- 3 a cathode formed on the first substrate;
- an organic emitting layer formed on the cathode; and
- an anode formed on the organic emitting layer.
- 1 13. The liquid crystal display device according to claim
- 2 12, wherein the cathode is a metal layer.
- 1 14. The liquid crystal display device according to claim
- 2 12, wherein the anode is transparent.
- 1 15. The liquid crystal display device according to claim
- 2 9, wherein the transparent protective layer is a silicon nitride
- 3 (SiN_x) layer.
- 1 16. The liquid crystal display device according to claim
- 2 9, wherein the transparent protective layer is a moisture
- 3 blocking layer.
- 1 17. The liquid crystal display device according to claim
- 2 9, wherein the common electrode is an ITO (indium tin oxide) or
- 3 IZO (indium zinc oxide) layer.
- 1 18. The liquid crystal display device according to claim
- 2 10, wherein when the first polarizer is the wire grid polarizer,
- 3 the wire grid polarizer comprises:

- 4 a transparent layer formed on the common electrode; and
- a metal strip pattern formed on the transparent layer.
- 1 19. The liquid crystal display device according to claim
- 2 10, wherein when the first polarizer is the thin film polarizer,
- 3 the thin film polarizer is an E-type polarizer.
- 1 20. The liquid crystal display device according to claim
- 2 9, wherein the common electrode is an ITO (indium tin oxide) or
- 3 IZO (indium zinc oxide) layer.
- 1 21. The liquid crystal display device according to claim
- 2 12, wherein when the first polarizer is the wire grid polarizer,
- 3 the liquid crystal display device further comprises:
- a reflective layer formed on the first substrate; and
- 5 a retardation film formed on the reflective layer;
- 6 wherein the cathode is semitransparent.
- 1 22. A liquid crystal display device, comprising:
- 2 a first substrate;
- 3 an organic electroluminescent display (OLED) element
- 4 formed on the first substrate;
- 5 a transparent protective layer formed on the OLED element;
- a first polarizer formed on the transparent protective
- 7 layer, wherein the first polarizer is a wire grid polarizer;
- 8 a second substrate opposing the first substrate;
- 9 a pixel electrode formed on an inner side of the second
- 10 substrate;
- a second polarizer formed on an outer side of the second
- 12 substrate; and

- 13 a liquid crystal layer interposed between the first
- 14 substrate and the second substrate.
- 1 23. The liquid crystal display device according to claim
- 2 22, wherein the wire grid polarizer serves as a common electrode.
- 1 24. The liquid crystal display device according to claim
- 2 22, further comprising:
- a first alignment film formed on the first polarizer; and
- 4 a second alignment film formed on the pixel electrode.
- 1 25. The liquid crystal display device according to claim
- 2 22, wherein the OLED element comprises:
- 3 a cathode formed on the first substrate;
- an organic emitting layer formed on the cathode; and
- 5 an anode formed on the organic emitting layer.
- 1 26. The liquid crystal display device according to claim
- 2 25, further comprising:
- 3 a reflective layer formed on the first substrate; and
- 4 a retardation film formed on the reflective layer;
- 5 wherein the cathode is semitransparent.
- 1 27. The liquid crystal display device according to claim
- 2 26, wherein the cathode is a metal layer.
- 1 28. The liquid crystal display device according to claim
- 2 26, wherein the anode is transparent.
- 1 29. The liquid crystal display device according to claim
- 2 22, wherein the transparent protective layer is a silicon
- 3 nitride (SiN_x) layer.

- 1 30. The liquid crystal display device according to claim
- 2 22, wherein the transparent protective layer is a moisture
- 3 blocking layer.
- 1 31. The liquid crystal display device according to claim
- 2 22, wherein the wire grid polarizer comprises:
- a transparent layer formed on the common electrode; and
- a metal strip pattern formed on the transparent layer.
- 1 32. The liquid crystal display device according to claim
- 2 22, wherein the common electrode is an ITO (indium tin oxide)
- 3 or IZO (indium zinc oxide) layer.
- 1 33. A liquid crystal display device suitable for an IPS
- 2 (In-Plane Switching) mode liquid crystal display device,
- 3 comprising:
- 4 a first substrate;
- 5 an organic electroluminescent display (OLED) element
- 6 formed on the first substrate;
- 7 a transparent protective layer formed on the OLED element;
- 8 a first polarizer formed on the transparent protective
- 9 layer;
- a second substrate opposing the first substrate;
- an electrode pattern formed on an inner side of the second
- 12 substrate, wherein the electrode pattern provides an electric
- 13 field parallel to the first and second substrates;
- 14 a second polarizer formed on an outer side of the second
- 15 substrate; and
- 16 a liquid crystal layer interposed between the first
- 17 substrate and the second substrate.

- 1 34. The liquid crystal display device according to claim
- 2 33, wherein the first polarizer is a thin film polarizer.
- 1 35. The liquid crystal display device according to claim
- 2 33, further comprising:
- a first alignment film formed on the first polarizer; and
- a second alignment film formed on the electrode pattern.
- 1 36. The liquid crystal display device according to claim
- 2 33, wherein the OLED element comprises:
- 3 a cathode formed on the first substrate;
- an organic emitting layer formed on the cathode; and
- an anode formed on the organic emitting layer.
- 1 37. The liquid crystal display device according to claim
- 2 36, wherein the cathode is a metal layer.
- 1 38. The liquid crystal display device according to claim
- 2 36, wherein the anode is transparent.
- 1 39. The liquid crystal display device according to claim
- 2 33, wherein the transparent protective layer is a silicon
- 3 nitride (SiN_x) layer.
- 1 40. The liquid crystal display device according to claim
- 2 33, wherein the transparent protective layer is a moisture
- 3 blocking layer.
- 1 41. The liquid crystal display device according to claim
- 2 34, wherein the thin film polarizer is an E-type polarizer.